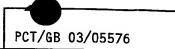




A. CLASS	IFICATION OF SUBJECT MATTER		
IPC 7	C07B59/00 C07C309/73 C07C309 //A61K101:02	0/68 A61K51/04	
A secreting t	- Internal Product Colored Col		
	o International Patent Classification (IPC) or to both national classifi	cation and IPC	
	SEARCHED  commentation searched (classification system followed by classification system followed by classif		
1PC /			
Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields so	earched
Electronic d	ata base consulted during the international search (name of data b	ase and, where practical search terms used	
	ternal, CHEM ABS Data		,
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re	devent passage	
	The second secon	elevani passages	Relevant to claim No.
Α	LAURENT MARTARELLO ET AL.: "Synthesis of syn- and anti-1-Amino-3-'18F!fluoromethyl-cyclobuta ne-1-carboxylic Acid (FMACBC), Potential PET Ligands for Tumor Detection"  J. MED. CHEM., vol. 45, 26 April 2002 (2002-04-26), pages 2250-9, XP002276531 cited in the application the whole document		1,8,9, 12-14
Special cat  "A" docume conside  "E" earlier d filing da  "L" docume which i citation "O" docume other n "P" docume later th: Date of the a	nt which may throw doubts on priority claim(s) or scited to establish the publication date of another or other special reason (as specified) in treferring to an oral disclosure, use, exhibition or neans and published prior to the international filling date but an the priority date claimed ctual completion of the international search  April 2004  alling address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx, 31 651 epo ni,	*T* later document published after the inter or priority date and not in conflict with a clied to understand the principle or the invention  *X* document of particular relevance; the cleannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cleannot be considered to involve an involve and the combined with one or more ments, such combination being obvious in the art.  *&* document member of the same patent for the involve and	mational filing date the application but ory underlying the almed invention be considered to turnent is taken alone alimed invention entive step when the to ther such docu- s to a person skilled
	Fax: (+31-70) 340-3016	Diederen, J	1





C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	FC1/GB U3/U55/6
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
A	TIMOTHY M. SHOUP ET AL.: "Synthesis and Evaluation of '18F!1-Amino-3-fluorocyclobutane-1-carboxy lic Acid to Image Brain Tumors" J. NUCL. MED., vol. 40, no. 2, 1999, pages 331-8, XP0008029597 cited in the application the whole document	1,8,9, 12-14
4	WO 97/17092 A (UNIV EMORY) 15 May 1997 (1997-05-15) cited in the application the whole document	1,8,9, 12-14



International application No. PCT/GB 03/05576

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: 1-3,7,8,12-14 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  see FURTHER INFORMATION sheet PCT/ISA/210
з. 🔲	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
з. 🗀	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark (	on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-3,7,8,12-14

Present claims 1-3,7,8,12-14 relate to an extremely large number of possible compounds, methods, kits, cartridges and processes. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds, methods, kits,cartridges and processes claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds, methods, kits, cartridges and processes in which a compound of Formula (Ia) is used.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.



Information on patent family members

PCT/	'GB	03/	05576
------	-----	-----	-------

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9717092	A 15-05-1997	US 5808146 A AU 720738 B2 AU 1120497 A CA 2237218 A1 EP 0862464 A1 JP 2000500442 T WO 9717092 A1 US 5817776 A	15-09-1998 08-06-2000 29-05-1997 15-05-1997 09-09-1998 18-01-2000 15-05-1997 06-10-1998